

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ACETALDEHYDE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Psidium guajava</i>	Fruit		2000.0	1.4142135145621455	--
<i>Citrus sinensis</i>	Fruit Juice	3.0	15.0	1.0	--
<i>Citrus reticulata</i>	Fruit	0.0	2.0	-0.7067882885418681	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Ananas comosus</i>	Fruit	0.61	1.4	-0.7074252260202778	--
<i>Citrus mitis</i>	Fruit Juice		2.4	-1.0	--
<i>Malus domestica</i>	Plant				--
<i>Micromeria fruticosa</i>	Shoot		0.1		Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
<i>Micromeria fruticosa</i>	Shoot				Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
<i>Carum carvi</i>	Fruit				--
<i>Coffea arabica</i>	Seed				--
<i>Telosma cordata</i>	Flower		1026.0		K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of <i>Telosma cordata</i> Merrill flowers, Flavour Fragr. J., Vol 8, 221-223.
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Leaf				Wealth of India.
<i>Pimpinella anisum</i>	Fruit				--
<i>Cannabis sativa</i>	Plant				Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of <i>Cannabis sativa</i> L. XVII. A Review of the Natural Constituents. J Natural Products, 432: 169-234.
<i>Pelargonium graveolens</i>	Essential Oil				--
<i>Zingiber officinale</i>	Rhizome				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Apium graveolens</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Lycopersicon esculentum</i>	Fruit				--
<i>Apium graveolens</i>	Shoot				--
<i>Daucus carota</i>	Root				--
<i>Cinnamomum camphora</i>	Plant				--
<i>Ribes nigrum</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Mentha x piperita</i>	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Malus domestica</i>	Fruit Juice				Miyake, T., Shibamoto, T. 1993. Quantitative Analysis of Acetaldehyde in Foods and Beverages. J. Agr. Food Chem, 41(11): 1968-1970.
<i>Glycine max</i>	Plant				--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb				Kim, S. M., Wu, C. M., Kobayashi, A., Kubota, K., Okumura, J. 1995. Volatile Compounds in Stir-Fried Garlic. J. Agric. Food Chem., 43(11): 2951-2955.
<i>Zingiber officinale</i>	Essential Oil				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
<i>Hamamelis virginiana</i>	Leaf		160.0		--
<i>Camellia sinensis</i>	Leaf				--
<i>Solanum tuberosum</i>	Plant				--
<i>Pimpinella anisum</i>	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Houttuynia cordata</i>	Plant				--
<i>Malus domestica</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Mentha spicata</i>	Essential Oil				--
<i>Prunus persica</i>	Plant				--
<i>Sambucus nigra</i>	Flower Essent. Oil				--
<i>Eruca sativa</i>	Hs				--
<i>Sambucus nigra</i>	Leaf Essent. Oil				--
<i>Ficus carica</i>	Fruit				--
<i>Lavandula x intermedia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cucumis melo</i>	Petiole				--
<i>Citrus aurantium</i>	Plant				--
<i>Angelica archangelica</i>	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Nicotiana tabacum</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Phoenix dactylifera</i>	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Iris x germanica</i>	Rhizome				--
<i>Oryza sativa</i>	Plant				--
<i>Acacia catechu</i>	Plant				--
<i>Carum carvi</i>	Seed				--
<i>Annona muricata</i>	Plant				--
<i>Vanilla planifolia</i>	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.